

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent application of :  
Alan GREENAWAY et al. : Group Art Unit: 2877  
Application No.: 10/561,206 : Examiner: SAMUEL A. TURNER  
Filed: 19 December 2005 : Confirmation No.: 3906

PHASE-DIVERSITY WAVEFRONT SENSOR

**AMENDMENT AND/OR RESPONSE UNDER 37 C.F.R. § 1.111**

U.S. Patent and Trademark Office  
**Via E-File**  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In response to the Office Action of 1 August, 2008, the period for response to which is being extended by the accompanying Petition and Petition Fee through 1 December 2008, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 8 of this paper.

**Amendments to the Drawings** begin on page 14 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks** begin on page 15 of this paper.

A new **Abstract** appears on page 23 of this paper.

**An Appendix** including amended drawing figures is attached following page 22 of this paper.